Files:

**27\_regions** contains mapping from segmented imaging modality to the grid; centroids of lesions only are mapped; how they are numbered; matlab files used to analyze are…

a.. Histopathology\_27\_Regions contains the locations of all lesion centers found on histopathology mapped to the 27 region anatomic grid. Only lesions that could be evaluated for clinical significance [gleason grade >3, volume >.5 cc] were included in this analysis. This mapping is limited to analysis after and including patient 56.

b.. ARFI\_27\_Regions contains the locations of all ROI centers found on ARFI mapped to the 27 region anatomic grid. This mapping is limited to analysis after and including patient 56.

c. MR\_27\_Regions contains the locations of all lesion centers found on MR. All lesions presented here were segmented by radiology [Chris Kauffman and/or Raj Gupta]; central glands segmented by Kirema; This mapping is limited to analysis after and including patient 56.

**ARFI\_MR\_Histopathology** contains the following information:

**a. Histopathology**  
all patients with/without whole mount histopathology  
for those patients with whole mount histopathology indicates patients that have/do not have digitized pathology  
**b. ARFI**  
all patients with/without ARFI/B-mode, notes probe model, also identifies when high-quality B-mode was performed for ER7B probe

**c. MR**  
all patients with/without MRs, notes magnet strength + coil type if possible, further notes if relevant lesions/capsules modeled in 3D Slicer

5. Histopathology\_Lesion\_Statistics lists estimated volume (cm^3), gleason grade, and whether lesion was located in posterior/anterior.

6. ARFI\_ROIs lists ARFI identified ROIs, 27 cubic region locations, and associated indices of suspicion  
  
7. MR\_ROIs lists MR identified ROIs, 27 cubic region locations, and comparison to whole mount histopathology. From Chris Kauffman.